

What is Claimed is:

1. A method for integrity checking of full-text indexes via component consistency checking, comprising:

generating a list of components used to build a full-text index, the list comprising at least one component list entry, the at least one component list entry comprising a version of a component used to build the full-text index; and

comparing the at least one component list entry with a registry of components, the registry comprising at least one registry entry, the at least one registry entry comprising a version of a component available for execution.

2. The method of claim 1, further comprising in response to determining that the version of the component used to build the full-text index and the version of the component available for execution are incompatible, generating an error.

3. The method of claim 2, further comprising aborting mounting of the full-text index.

4. The method of claim 1, wherein the component used to build a full-text index comprises a wordbreaker.

5. The method of claim 1, wherein the component used to build a full-text index comprises a protocol component.

6. The method of claim 1, wherein the component used to build a full-text index comprises a stemmer.

7. The method of claim 1, wherein the component used to build a full-text index comprises a filter.

8. The method of claim 1, wherein the component used to build a full-text index comprises a plug-in.

9. The method of claim 1, wherein the component used to build a full-text index comprises an auto-categorizer.

10. The method of claim 1, further comprising maintaining a list of compatible versions of the at least one component list entry, such that in response to determining that the at least one registry entry is included within the list of compatible versions, an error is not generated.
11. A method for building a full-text index comprising:

generating a list associated with a full-text index, the list comprising at least one component and a version of the at least one component, the at least one component used to build the full-text index.
12. The method of claim 11, wherein the list comprises a filename component of a full path for the at least one component.
13. The method of claim 11, wherein the list comprises a full path of the at least one component.
14. The method of claim 11, wherein the list comprises a creation time of the full-text index.
15. The method of claim 11, wherein the list comprises a last write time of the full-text index.
16. The method of claim 11, wherein the list comprises a manufacturer name.
17. The method of claim 11, wherein the list comprises a class id of the at least one component.
18. The method of claim 11, wherein the version of the at least one component is associated with a list of compatible versions.
19. The method of claim 18, wherein in response to determining that the version of the at least one component in the list and a version of the at least one component in a registry of component versions available for execution are incompatible, an error is generated.
20. A system for checking the consistency of components used to build a full-text index and components used to query the full-text index, comprising:

a first list of components used to build the full-text index, the first list comprising at least one build component and a version associated with the at least one build component; and

a second list of components used to query the full-text index, the second list comprising at least one query component and a version associated with the at least one query component.

21. The system of claim 20, further comprising a list of compatible component versions.

22. The system of claim 20, wherein the at least one build component is a wordbreaker, filter, stemmer, protocol component, auto-categorizer or plug-in.

23. The system of claim 20, wherein the at least one query component is a wordbreaker or stemmer.

24. A computer-readable medium comprising computer-executable instructions for:

generating a list of components used to build a full-text index, the list comprising at least one entry, the at least one entry comprising a version of a component; and

comparing the at least one entry in the list of components with entries in a registry of versions of components available for execution.

25. The computer-readable medium of claim 24, further comprising:

in response to determining that the version of the component used to build the full-text index and the version of the component available for execution are incompatible, generating an error.